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S E C R E T 211628Z APR 71 CITE

IDEALIST

SECTION ONE OF TWO

SUBJ: NASA U-2 EARTH RESOURCES PROGRAM

FOR:	FROM:
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REF:

1. FOLLOWING IS OUR PROPOSED STATEMENT OF WORK USING THAT
CONTAINED IN REFERENCE MESSAGE AS A BASIS:

I. PREPARE U-2 AIRCRAFT S/N 56-6681 AND S/N 56-6682 FOR NASA OPERATIONS. THIS WILL INCLUDE THE FOLLOWING ITEMS:

A. REMOVE UNNECESSARY EQUIPMENT FROM THE AIRCRAFT, AS DETERMINED BY THE PROJECT MANAGER AND THE CONTRACTOR'S REPRESENTATIVES.

B. INSPECT AND REPAIR THE AIRCRAFT AS REQUIRED.

C. PREPARE AIRCRAFT FOR DELIVERY WITH SUFFICIENT TIME SINCE PERIODIC INSPECTION TO ALLOW A MINIMUM OF TWO MONTHS OPERATION PRIOR TO NEXT PERIODIC INSPECTION.

D. INSURE THAT ENGINE INSPECTION IS NOT DUE BEFORE THE NEXT AIRCRAFT PERIODIC INSPECTION.

**Declassified for NASA Equities -
Per NASA letter.**

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E. PAINT THE AIRCRAFT WITH NASA COLORS AND INSIGNIA.

F. DELIVER THE AIRCRAFT TO AMES RESEARCH CENTER, MOFFETT
FIELD, CALIFORNIA.

II. PROVIDE GROUND SERVICE AND LINE MAINTENANCE PERSONNEL
TO SUPPORT OPERATION OF THE AIRCRAFT FROM THE AMES RESEARCH CENTER
AND DEPLOYED TO OTHER OPERATING SITES LOCATED WITHIN THE
CONTINENTAL UNITED STATES. CREWS FURNISHED TO INCLUDE THE FOLLOWING:

- A. SUPERVISORY/CREW CHIEF PERSONNEL
- B. ELECTRICAL/ELECTRONICS TECHNICIANS CAPABLE OF SUPPORTING
AVIONICS AND THE AUTOPILOT SYSTEM
- C. FLIGHT LINE MECHANICS
- D. SUPPLY PERSONNEL
- E. LIFE SUPPORT TECHNICIANS (PERSONAL EQUIPMENT)
- F. INSPECTOR (PARTIAL SERVICES TO SUPPLEMENT REGULAR
AIRCRAFT CREW FOR PERIODIC INSPECTIONS)

III. PROVIDE PILOTS FOR THE U-2 AIRCRAFT.

IV. PROVIDE GROUND SERVICE AND LINE MAINTENANCE PERSONNEL TO
SUPPORT OPERATION OF SENSORS.V. PROVIDE FOR PROCUREMENT OF SENSORS, ENGINEERING SERVICES,
AIRCRAFT MODIFICATIONS AND OTHER EFFORT ASSOCIATED WITH SENSOR

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INTEGRATION AND MODIFICATION AS FOLLOWS:

A. PROCURE FOUR (4) EACH VINTON MODEL 492 CAMERAS WITH 1
AND 3/4 INCH FOCAL LENGTH LENSES.

B. MODIFY FOUR (4) EACH VINTON CAMERAS PROCURED UNDER ITEM
V.A. ABOVE TO ACCEPT DATA ANNOTATION AND DESIGN AND FABRICATE
MOUNTING PROVISIONS IN EACH OF TWO (2) AIRCRAFT HATCHES.

VI. DEVELOP A DATA ANNOTATION SYSTEM FOR EACH FRAME OF FILM
SUITABLE FOR INCLUSION IN CURRENT AND FUTURE SENSORS.

VII. ACCOMPLISH A DATA HANDLING STUDY TO ENCOMPASS SPECIFICALLY
THE HARDWARE, FACILITIES, FORMAT AND PROGRAMMING OF A WORD RETRIEVAL
COMPUTER SYSTEM.

VIII. PROVIDE NECESSARY EQUIPMENT AND PERSONNEL FOR A DATA
CENTER AS DETERMINED UNDER ITEM 7 ABOVE.

2. REQUEST INTERIM AUTHORIZATION TO PROCEED WITH THE FOLLOWING:
ITEM I IN ITS ENTIRETY.

ITEM II LIMITED AS FOLLOWS:

SUPERVISORS

01 MAN AS OF FIRST WEEK IN MAY 1971

01 ADDITIONAL MAN AS OF FIRST WEEK IN JUNE 1971

ELECTRICIANS AND FLIGHT LINE MECHANICS

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06 MEN AS OF FIRST WEEK IN JUNE 1971

SUPPLY PERSONNEL

01 MAN AS OF FIRST WEEK IN MAY 1971

01 ADDITIONAL MAN AS OF FIRST WEEK IN JUNE 1971

LIFE SUPPORT

01 MAN AS OF FIRST WEEK IN MAY 1971

01 ADDITIONAL MAN AS OF 01 JULY 1971

ITEM III LIMITED AS FOLLOWS:

01 MAN ON OR BEFORE 17 MAY 1971

02 ADDITIONAL MEN AS OF 01 JULY 1971

ITEM V.A. IN ITS ENTIRETY

ITEMS V.B., VI AND VII LIMITED TO PRELIMINARY ENGINEERING

NECESSARY TO DEFINE THE WORK AND PREPARE ECP'S TO PROVIDE A
BASIS FOR CONTRACTING OFFICER/NASA APPROVAL FOR EACH TASK.

3. TENTATIVE SCHEDULE:

CONTRACT GO-AHEAD

23 APR 71

GOVERNMENT DELIVER BOTH AIRCRAFT TO

PALMDALE

21-22 APR 71

AIRCRAFT DELIVERED TO MOFFETT

1-4 JUN 71

INITIAL FIELD PERSONNEL ASSIGNED TO PROGRAM AS SHOWN UNDER

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PARAGRAPH 2 ABOVE. OTHER SCHEDULED DATES RELATING TO SENSOR MODS AND DELIVERY, DATA MANAGEMENT STUDY, ETC. TO BE WORKED OUT AS DETAILS OF EACH TASK ARE FIRMED UP.

4. R.O.M. ESTIMATES ARE SUBMITTED BELOW TO THE EXTENT WE CAN DEFINE THE WORK AT THIS TIME. WHERE SUFFICIENT TECHNICAL INFORMATION IS NOT AVAILABLE TO ENABLE PREPARATION OF COST ESTIMATES, WE SUGGEST USE OF THE NASA-FURNISHED ESTIMATES UNDER THE ASSUMPTION THAT INDIVIDUAL TASKS CAN BE LIMITED TO FIT WITHIN AVAILABLE FUNDING.

I. AIRCRAFT PREPARATION

II. GROUND SERVICE AND MAINTENANCE PERSONNEL-

INCEPTION THRU 30 JUN 72

III. PILOTS - INCEPTION THRU 30 JUN 72

--- TRAVEL FOR ITEMS II AND III

TOTAL

25X1

5. BASED ON CONTRACTING OFFICER ASSURANCES THAT CONTRACTURAL COVERAGE WILL BE FORTHCOMING THROUGH FY-72 TIME PERIOD, WE WILL BE ABLE TO REACH AGREEMENTS WITH OUR ASSIGNED PERSONNEL FOR MINIMUM ONE YEAR ASSIGNMENTS WITHOUT REQUIRING FULL FUNDING AT CONTRACT INCEPTION. WE SUGGEST INITIAL TWX AUTHORIZATION OF FUNDING IN